

# MOHAMMED JABER

Mobile Engineer | Flutter | Security Architecture

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## PROFESSIONAL SUMMARY

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Mobile Software Engineer specializing in secure, production-grade mobile systems across digital banking, SaaS workforce platforms, server-driven e-commerce, and enterprise fleet coordination. Designed and shipped a runtime security architecture for a digital banking platform featuring 25+ adaptive threat signals, risk-based access control, and OWASP MASVS-aligned resilience spanning native Kotlin/Swift threat detection layers and a Flutter risk engine. Architect of multi-tenant SaaS applications, hybrid SDUI platforms, and an open-source Flutter package published on pub.dev. Deep expertise in encrypted storage, API interception, session lifecycle management, and native platform integration.

## PROFESSIONAL EXPERIENCE

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**Mobile Engineer — MUJEER** Amman, Jordan | Jun 2025 – Present

**X — Digital Banking Application** · Flutter · Kotlin · Swift · Clean Architecture · BLoC

- Architected native security layer (Kotlin + Swift) with 25+ threat detection methods including root/jailbreak detection, emulator identification, debugger detection, and hook framework prevention (Frida, Xposed, method swizzling)
- Designed centralized risk engine with 5 risk levels and 4 graduated response types — allow, limited, step-up verification, block — enabling contextual security decisions aligned with OWASP MASVS-RESILIENCE 1–4
- Built fail-secure architecture and end-to-end AES-encrypted API communication layer protecting all financial transactions
- Developed OTP and biometric authentication flows, P2P/CliQ/IBAN payment modules, and eFawateercom bill payment integration
- Reduced cold start time by 3 seconds through lazy loading optimization and startup performance tuning

**Basma — SaaS Attendance & Workforce Management** · Flutter · Clean Architecture · BLoC · GetIt

- Engineered geolocation-fenced clock-in/out engine with policy-aware GPS proximity validation and biometric session binding (Face ID / Touch ID) via flutter\_secure\_storage
- Designed role-based UI rendering across Employee, Manager, and HR roles with leave approval pipelines, real-time status tracking, and native home screen widgets (iOS & Android) for instant clock-in without full app launch
- Architected secure network layer using Dio and Retrofit with SSL pinning and auth interceptors, with feature-first Clean Architecture and GetIt dependency injection

**Neelli — Server-Driven E-Commerce Platform** · Flutter · Clean Architecture · BLoC · SDUI

- Designed Hybrid SDUI rendering engine enabling marketing teams to modify Home, Shop, Offers, and Campaign layouts without new app releases — JSON-to-Widget factory with Frozen union types and graceful fallback handling
- Engineered 15-module feature-first Clean Architecture with Either error contracts, session lifecycle management, route-level AuthGuardService, and multi-step WebView payment gateway interception
- Built production security suite including RiskEngine, DeviceSecurityService covering root/jailbreak/emulator detection, and SecureAppShell with privacy cover — aligned with OWASP MASVS standards

**Discounter — E-Commerce Platform (Palestine Market)** · Flutter · Clean Architecture · Cubit · Firebase

- Built full production e-commerce experience targeting the Palestinian market with OTP authentication, check-out flow, loyalty rewards system, and full Arabic RTL + English LTR support across all modules
- Implemented feature-first Clean Architecture with Cubit state management, Dio networking with interceptors, FCM push notifications with deep linking, and secure session handling

### **RidePass — Digital Transit Pass Management** · Flutter · Clean Architecture · BLoC · Risk Engine

- Built digital-first transit platform eliminating physical passes with QR scan-and-go validation, ride history tracking, and real-time notifications
- Integrated centralized risk engine for device integrity assessment and session safety; glassmorphism UI, skeleton loading, and full AR/EN RTL localization

### **WMS & Hakk Shop — Enterprise & Classifieds Platforms** · Flutter · Kotlin · Swift · Firebase · Pusher

- WMS: Built enterprise workforce coordination platform with VoIP/SIP telephony, real-time fleet tracking via Pusher Channels, live camera monitoring feeds, and native platform channels (Kotlin/Swift) for device-level call handling
- Hakk Shop: Engineered guest user permission system, real-time Firebase chat between buyers and sellers, OTP-based phone authentication, advanced category filtering with location-based scoping, and seller reputation system.

## **NOTABLE PROJECTS**

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### **veil\_ui — Open-Source Flutter Package** pub.dev · 160 pub points · 250+ downloads

- Designed and published an iOS 26-inspired glassmorphism Flutter package featuring GlassAppBar with scroll-driven shadows, BlurredBottomOverlay for pinned CTAs, and native Cupertino sheet presentation — zero boilerplate, full dark mode, RTL-aware
- Achieved 160 pub points on pub.dev under mojaber.me; MIT licensed; available at pub.dev/packages/veil\_ui

### **Qanoni — Legal Contract Management Platform** Crown Prince Award Finalist 2025

- Led full A-Z development of a mobile platform enabling digital contract creation with predefined legal templates; implemented PDF processing, AI-powered legal chatbot, real-time notifications, and secure payment integration — Clean Architecture (MVVM), Firebase, Firestore

### **Dispute Management System — FinTech Solution** 2nd Place — FinTech Rally 2024

- Developed national-level financial dispute resolution system recognized for innovation at Jordan's leading FinTech competition

## **TECHNICAL SKILLS**

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**Mobile** Flutter, Dart, Kotlin, Android SDK, iOS Development, Platform Channels, Native Module Integration

**Security** OWASP MASVS, Runtime Threat Detection, Risk Engine Design, AES Encryption, SSL Pinning, Root/Jailbreak Detection, Biometric Auth, Secure Storage

**Architecture** Clean Architecture, BLoC/Cubit, MVVM, SOLID Principles, Dependency Injection (GetIt), Feature-First Modular Design, Server-Driven UI (SDUI)

**UI/UX** Glassmorphism, RTL/LTR Support, Responsive Design, Skeleton Loading, Lottie Animations, Custom Animations, liquid\_glass\_renderer

**Libraries** Dio, Retrofit, go\_router, Freezed, Firebase (FCM), flutter\_secure\_storage, Pusher, WebSocket, Google Maps SDK, Skeletonizer

**DevOps** Git, GitHub, Performance Optimization, i18n & Localization, Agile

## **EDUCATION & LEADERSHIP**

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### **B.Sc. in Computing Smart Devices** — Tafila Technical University, Jordan Graduated June 2025

- Team Lead, CSD Team: Organized 6+ technical workshops on Mobile Development, Git, and CI/CD for 40+ attendees
- IEEE Member — Active contributor in student and technical communities

**Certifications:** AWS Deploying Serverless Applications (2025) | AWS DevOps Guru Getting Started (2025)